

Appl. No. 10/623,484
Amdt. dated Aug. 23, 2005
Office Action mailed March 23, 2005

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of the claims in this application:

Listing of Claims

Claim 1 (currently amended): A data handling system, comprising:

a first data handling device, comprising a housing and a first communication component;

a second data handling device, comprising a second communication component capable of communicating with said first communication component;

[[and]]

a first readiness light, located on said housing of said first data handling device;

a second readiness light, located on said second data handling device; and

wherein said first readiness light and said second readiness light signals whether the data handling system is ready for use.

Claim 2 (original): The data handling system according to claim 1, wherein said first data handling device comprises a portable data collection device having a visual display component and a user-input component.

Claim 3 (original): The data handling system according to claim 2, wherein said user-input component comprises a touch screen.

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Claim 4 (original): The data handling system according to claim 2, wherein said user-input component comprises a digitizer screen.

Claim 5 (original): The data handling system according to claim 2, wherein said user-input component comprises a keyboard.

Claim 6 (original): The data handling system according to claim 2, wherein said user-input component comprises a voice-input component.

Claim 7 (original): The data handling system according to claim 2, wherein said portable data collection device further comprises an integrated optical indicia reader.

Claim 8 (original): The data handling system according to claim 1, wherein said first communication component and said second communication component can communicate wirelessly with each other.

Claim 9 (currently amended): The data handling system according to claim 1, [[further comprising a second readiness light located on said second data handling device]]
wherein said first data handling device is a portable data handling device, and
wherein said second data handling device is a portable data handling device.

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Claim 10 (original): The data handling system according to claim 2, wherein said second data handling device comprises a wireless access point.

Claim 11 (original): The data handling system according to claim 2, wherein said second data handling device comprises an optical indicia reader.

Claim 12 (original): The data handling system according to claim 2, wherein said second data handling device comprises a radio frequency identification tag reader.

Claim 13 (original): The data handling system according to claim 2, wherein said second data handling device comprises a personal computer.

Claim 14 (original): The data handling system according to claim 1, further comprising a third data handling device, said third data handling device comprising a third communication component.

Claim 15 (original): The data handling system according to claim 1, wherein said first readiness light comprises a single light:

Claim 16 (original): The data handling system according to claim 1, wherein said first readiness light comprises a plurality of lights.

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Claim 17 (original): The data handling system according to claim 1, wherein said first readiness light is made to blink to indicate readiness status.

Claim 18 (original): The data handling system according to claim 1, wherein said first readiness light is made to change color to indicate readiness status.

Claim 19 (original): The data handling system according to claim 1, wherein said first readiness light is essentially continuously illuminated to signal that the data handling system is functioning properly.

Claim 20 (original): The data handling system according to claim 1, wherein said first data handling device must be successfully powered up and booted up before said first readiness light will indicate that the data handling system is ready for use.

Claim 21 (original): The data handling system according to claim 20, wherein communication between said first communication component and said second communication component must be established before said first readiness light will indicate that the data handling system is ready for use.

Claim 22 (original): The data handling system according to claim 1, wherein said first readiness light provides an indication of network connectivity.

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Claim 23 (original): The data handling system according to claim 20, wherein a peripheral component must be operational and detected before said first readiness light will indicate that the data handling system is ready for use.

Claim 24 (original): The data handling system according to claim 20, wherein a properly functioning remotely-located device of the system must be detected before said first readiness light will indicate that the data handling system is ready for use.

Claim 25 (currently amended): A computerized device for a multi-device data handling system, comprising:

- a housing;
- a computerized processing system, located in said housing;
- a memory component, located in said housing and coupled with said computerized processing system;
- a user input component, supported by said housing;
- a device readiness light, located on said housing, to signal whether the computerized device and the multi-device data handling system is ready for use;
- and
- a diagnostic routine, stored in said memory component, to determine whether the multi-device data handling system has successfully completed a setup sequence;

wherein said diagnostic routine signals results via said device readiness light.

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Claim 26 (original): The computerized device of claim 25, wherein said device readiness light comprises a single light.

Claim 27 (original): The computerized device of claim 25, wherein said device readiness light comprises a plurality of lights.

Claim 28 (original): The computerized device of claim 25, wherein said device readiness light is made to blink to indicate readiness status.

Claim 29 (original): The computerized device of claim 25, wherein said device readiness light is essentially continuously illuminated to signal that the data handling system is functioning properly.

Claim 30 (original): The computerized device of claim 25, wherein the computerized device must be successfully booted up before said device readiness light will indicate that the computerized device is ready for use.

Claim 31 (original): The computerized device of claim 30, wherein communication between the computerized and remotely-located device must be established before said device readiness light will indicate that the computerized device is ready for use.

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Claim 32 (original): The computerized device of claim 25, wherein said device readiness light provides an indication of network connectivity.

Claim 33 (original): The computerized device of claim 30, wherein a peripheral component of the computerized device must be operational and detected before said device readiness light will indicate that the computerized device is ready for use.

Claim 34 (original): The computerized device of claim 31, wherein a properly functioning remotely-located device must be detected before said device readiness light will indicate that the computerized device is ready for use.

Claim 35 (original): The computerized device of claim 25, wherein the computerized device comprises a portable data collection device having a visual display component.

Claim 36 (original): The computerized device of claim 25, wherein said user-input component comprises a touch screen.

Claim 37 (original): The computerized device of claim 25, wherein said user-input component comprises a digitizer screen.

Claim 38 (original): The computerized device of claim 25, wherein said user-input component comprises a keyboard.

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Claim 39 (original): The computerized device of claim 25, wherein said user-input component comprises a voice-input component.

Claim 40 (original): The computerized device of claim 25, wherein the computerized device further comprises an integrated optical indicia reader.

Claim 41 (original): The computerized device of claim 25, wherein the computerized device is a wireless access point.

Claim 42 (original): The computerized device of claim 25, wherein computerized device is an optical indicia reader.

Claim 43 (original): The computerized device of claim 25, wherein the computerized device comprises a radio frequency identification tag reader.

Claim 44 (original): The computerized device of claim 25, wherein the computerized device comprises a personal computer.

Claim 45 (original): The computerized device of claim 25, wherein said diagnostic routine is initiated from said user-input component.

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Claim 46 (original): The computerized device of claim 25, further comprising a plurality of different diagnostic routines, each different diagnostic routine designed to check for a different problem.

Claim 47 (original): The computerized device of claim 46, wherein one diagnostic routine of said plurality of different diagnostic routines performs a check of a data collection system of the computerized device.

Claim 48 (original): The computerized device of claim 46, wherein one diagnostic routine of said plurality of different diagnostic routines performs a check of an application software component of the computerized device.

Claim 49 (original): The computerized device of claim 46, wherein one diagnostic routine of said plurality of different diagnostic routines performs a check of a wireless security credential of the computerized device.

Claim 50 (original): The computerized device of claim 46, wherein one diagnostic routine of said plurality of different diagnostic routines performs a check of connectivity of the computerized device with an access point.

Claim 51 (original): The computerized device of claim 46, wherein one diagnostic routine of said plurality of different diagnostic routines performs a check of an access point serving the computerized device.

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Claim 52 (original): The computerized device of claim 46, wherein one diagnostic routine of said plurality of different diagnostic routines performs a check of a host computer system serving the computerized device.

Claim 53 (original): The computerized device of claim 46, wherein one diagnostic routine of said plurality of different diagnostic routines performs a check of a printer device serving the computerized device.

Claim 54 (original): The computerized device of claim 46, wherein one diagnostic routine of said plurality of different diagnostic routines performs a check of a peripheral component of the computerized device.

Claim 55 (original): The computerized device of claim 54, wherein said peripheral component comprises an optical indicial reader.

Claim 56 (original): The computerized device of claim 54, wherein said peripheral component comprises a radio frequency identification tag reader.

Claim 57 (original): The computerized device of claim 54, wherein said peripheral component comprises an additional memory component coupled with the computerized device.

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Claim 58 (currently amended): A method for troubleshooting a data handling system with a computerized device having a readiness light, the computerized device being a member of a multi-device data handling system, comprising the steps of:

- signaling a [[device]] data handling system problem via a readiness light;
- initiating a diagnostic procedure via a user interface of the computerized device; and
- indicating the result of the diagnostic procedure via the readiness light.

Claim 59 (original): The method of claim 58, wherein said initiating step comprises pressing at least one key of as keyboard on said computerized device.

Claim 60 (original): The method of claim 58, wherein said indicating step comprises illuminating the readiness light.

Claim 61 (original): The method of claim 58, wherein said indicating step comprises causing the readiness light to blink.

Claim 62 (original): The method of claim 58, wherein said indicating step comprises causing the readiness light to change color.

Claim 63 (original): The method of claim 58, wherein the readiness light is essentially continuously illuminated to signal that the device is functioning properly.

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Claim 64 (original): The method of claim 58, wherein the readiness light comprises a single light.

Claim 65 (original): The method of claim 58, wherein the readiness light comprises a plurality of lights.

Claim 66 (original): The method of claim 65, wherein each readiness light of said plurality of readiness lights indicates readiness of a different subsystem of the computerized device.

Claim 67 (original): The method of claim 58, wherein the initiated diagnostic procedure performs a check of a data collection system of the computerized device.

Claim 68 (original): The method of claim 58, wherein the initiated diagnostic procedure performs a check of an application software component of the computerized device.

Claim 69 (original): The method of claim 58, wherein the initiated diagnostic procedure performs a check of a wireless security credential of the computerized device.

Claim 70 (original): The method of claim 58, wherein the initiated diagnostic procedure performs a check of connectivity of the computerized device with an access point.

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Claim 71 (original): The method of claim 58, wherein the initiated diagnostic procedure performs a check of an access point serving the computerized device.

Claim 72 (original): The method of claim 58, wherein the initiated diagnostic procedure performs a check of a host computer system serving the computerized device.

Claim 73 (original): The method of claim 58, wherein the initiated diagnostic procedure performs a check of a printer device serving the computerized device.

Claim 74 (original): The method of claim 58, wherein the initiated diagnostic procedure performs a check of a peripheral component of the computerized device.

Claim 75 (currently amended): A computerized device for a multi-device data handling system, comprising:

means for housing the computerized device;

means for processing computer instructions, located in said means for housing;

means for storing information, located in said means for housing and coupled with said means for processing computer instructions;

means for inputting information from a user, supported by said means for housing;

means for indicating readiness of the computerized device, located on said means for housing; and

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means for diagnosing errors present in the multi-device data handling system, stored in said means for storing information;
wherein said means for diagnosing errors signals results to a user via said means for indicating readiness.

Claim 76 (currently amended): A data handling system, comprising:
a first portable data collection [[handling]] device, comprising a housing and a first communication component;
a second portable data collection [[handling]] device, comprising a second communication component capable of communicating with said first communication component; and
a first status indicator, located on said housing of said first portable data collection [[handling]] device;
a second status indicator, located on said second portable data collection device;
wherein said first status indicator and said second status indicator signals whether the data handling system is ready for use.